

User manual

All recipients

Recipient and waiting list administration

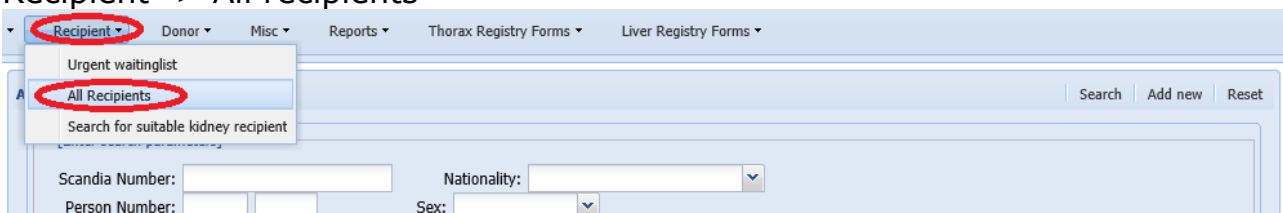
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STAMP/LAMP is described in a separate manual

1. Find the menu 'All Recipients'

Recipient -> All recipients



The screenshot shows a software interface with a top navigation bar. The 'Recipient' menu is open, and 'All Recipients' is highlighted. Other options in the menu include 'Urgent waitinglist' and 'Search for suitable kidney recipient'. The main area contains search fields for 'Scandia Number', 'Person Number', 'Nationality', and 'Sex', along with 'Search', 'Add new', and 'Reset' buttons.

2. Find an existing patient in the database

When you enter the menu 'All recipients' you get a variety of possibilities for entering search parameters. You can search on one parameter or combine more parameters to limited the number of recipients.

All Recipients Search Add new Reset

[Enter search parameters]

Scandia Number: Nationality:

Person Number: Sex:

Surname: First Name:

Transplant Center: AB0 Blood Group:

Waiting list status: Waiting List type: Urgency:

STAMP **Historical**

Sign up: Status: Termination:

Withdrawal: Waiting List:

Scandia Numb... Nationality Person Number Surname First Name Transplant Ce... AB0 Blood Gr... Waiting list st... Waiting List t... Urgency

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Example of a search based on a combination of three parameters:

All Recipients Search Add new Reset

[Enter search parameters]

Scandia Number: Nationality:

Person Number: Sex:

Surname: First Name:

Transplant Center: CP: København AB0 Blood Group:

Waiting list status: N: Notified Waiting List type: KI: Kidney Urgency:

STAMP **Historical**

Sign up: Status: Termination:

Withdrawal: Waiting List:

	Scandia Numb...	Nationality	Person Number	Surname	First Name	Transplant Ce...	AB0 Blood Gr...	Waiting list st...	Waiting List t...	Urgency
1				Surname: M.	First name: S.	CP: København	A	N: Notified	KI: Kidney	T: Transplant...
2				Surname: N.	First name: M.	CP: København	A	N: Notified	KI: Kidney	T: Transplant...
3				Surname: S.	First name: B.	CP: København	0	N: Notified	KI: Kidney	T: Transplant...
4				Surname: D.	First name: B.	CP: København	0	N: Notified	KI: Kidney	T: Transplant...
5				Surname: D.	First name: J.	CP: København	A	N: Notified	KI: Kidney	T: Transplant...
6				Surname: B.	First name: A.	CP: København	B	N: Notified	KI: Kidney	T: Transplant...
7				Surname: R.	First name: J.	CP: København	A	N: Notified	KI: Kidney	T: Transplant...
8				Surname: P.	First name: J.	CP: København	A	N: Notified	KI: Kidney	T: Transplant...

At the bottom of the page the total number of recipients fulfilling the search parameters are displayed (No. 1).
Furthermore, the order of the list is displayed (No. 2), if you wish to change the order click on the column headers (No. 3).

All Recipients Search Add new Reset

[Enter search parameters]

Scandia Number: Nationality:

Person Number: Sex: F: Female

Surname: First Name:

Transplant Center: CP: København AB0 Blood Group: 0

Waiting list status: Waiting List type: LI: Liver Urgency:

STAMP Historical

Sign up: Status: Termination:

Withdrawal: Waiting List:

3.	Scandia Numb...	Nationality	Person Number	Surname	First Name	Transplant Ce...	AB0 Blood Gr...	Waiting list st...	Waiting List t...	Urgency
1					First name: J.	CP: København	0	N: Notified	LI: Liver	T: Transplant...
2					First name: E.	CP: København	0	N: Notified	LI: Liver	T: Transplant...
3					First name: K.	CP: København	0	N: Notified	LI: Liver	T: Transplant...
4					First name: B.	CP: København	0	N: Notified	LI: Liver	T: Transplant...
5					First name: E.	CP: København	0	N: Notified	LI: Liver	T: Transplant...

Page 1 of 1 2. Order by: Organization ▼ Scandia Number ▼ 1. Displaying 1 - 5 of 5

Below is an example of changed sorting, if you wish to go back to the default sorting click on the 'Order by:' button.

	Scandia Numb...	Nationality	Person Number	Surname	First Name	Transplant Ce...	AB0 Blood Gr...	Waiting list st...	Waiting List t...	Urgency
1						CP: København	0	N: Notified	LI: Liver	T: Transplant...
2						CP: København	0	N: Notified	LI: Liver	T: Transplant...
3						CP: København	0	N: Notified	LI: Liver	T: Transplant...
4						CP: København	0	N: Notified	LI: Liver	T: Transplant...
5						CP: København	0	N: Notified	LI: Liver	T: Transplant...
6						CP: København	A	N: Notified	LI: Liver	T: Transplant...
7						CP: København	A	N: Notified	LI: Liver	T: Transplant...
8						CP: København	B	N: Notified	LI: Liver	T: Transplant...
9						CP: København	B		LI: Liver	

Page 1 of 1 Order by: Waiting list status ▲ AB0 Blood Group ▲ Displaying 1 - 9 of 9

Press to reset ordering to default

3. Register a new patient – Basic information

gs Recipient Donor Misc Reports Thorax Registry Forms Liver Registry Forms

All Recipients Search **Add new** Reset

[Enter search parameters]

Scandia Number: Nationality:

Person Number: Sex:

Surname: First Name:

Transplant Center: ABO Blood Group:

Waiting List: Urgency: Notification:

STAMP

Sign up: Status:

Withdrawal: Termination:

Waiting List:

Click on 'Add new'

Recipient information Back Save Cancel

Scandia Number: Nationality: DK: Denmark

Date of Birth: 010288 Person Number: 010288 Sex: F: Female

Surname:

First Name:

Transplantation History:

Survival Status:

Status: Waiting List: Urgency:

First regist.: Latest regist.:

Basic info Clinical data Address/Phone Waiting List HLA Typing Antibody Screen Test Allowable Antibodies Previous Mismatches Death

ABO Blood Group: Rhesus:

Transplant center: AR: Aarhus Department:

Notes on Patient:

Start entering information.

Mandatory data to fill in before getting a Scandia number is; Date of birth, Sex, Surname, First name and ABO blood group.

The person number will be validated according to the registered nationality and national rules. Furthermore, it will be checked if the patient has been registered previously in the database.

4. Register and/or update of patient information

4.1. HLA typing

Basic info	Clinical data	Address/Phone	Waiting List	HLA Typing	Antibody Screen Test	Acceptable Antibodies	Previous Mismatches	Death
Serological								
A: <input type="text"/> <input type="text"/>			B: <input type="text"/> <input type="text"/>					
CW: <input type="text"/> <input type="text"/>			Bw4/w6: <input type="text"/> <input type="text"/>					
DR: <input type="text"/> <input type="text"/>			DQ: <input type="text"/> <input type="text"/>					
Genomic								
A: <input type="text"/> <input type="text"/>			B: <input type="text"/> <input type="text"/>					

Enter the HLA type or select between HLA types by pressing the drop down menu. To select a specific type on the list, click on it.

<input type="text"/>	<input type="text"/>
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07

0702

0703

0736

08

0801

13

1301

1302

14

1401

1402

15

1501

1502

If you start typing, the list will narrow down

B: <input type="text"/>	<input type="text"/>
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13

1301

1302

14

1401

1402

15

1501

1502

1503

1504

1505

1506

1507

1508

Bw4 and Bw6 is automatically calculated from the association to the HLA type, but **not** automatically counted as part of the patient HLA. To use the calculated Bw4 and Bw6 you have to enter them into the HLA registration fields.

Basic info	Clinical data	Address/Phone	Waiting List	HLA Typing	Antibody Screen Test	Acceptable Antibodies	Previous Mismatches	Death
<p>– Serological</p> <div> <div> A: 1 <input type="text"/> 3 <input type="text"/> CW: <input type="text"/> <input type="text"/> DR: <input type="text"/> <input type="text"/> </div> <div> B: 51 <input type="text"/> 7 <input type="text"/> Bw4/w6: w4 <input type="text"/> DQ: <input type="text"/> <input type="text"/> </div> </div>								
<p>– Genomic</p> <div> <div> A: <input type="text"/> <input type="text"/> CW: <input type="text"/> <input type="text"/> DRB1: 15 <input type="text"/> 10 <input type="text"/> DPA1: <input type="text"/> <input type="text"/> DQA1: <input type="text"/> <input type="text"/> </div> <div> B: <input type="text"/> <input type="text"/> DRB3/4/5: <input type="text"/> <input type="text"/> DPB1: <input type="text"/> <input type="text"/> DQB1: <input type="text"/> <input type="text"/> </div> </div>								
<p>Calculated Bw: w4,w6</p>								
<p>– For match</p> <div> <div> A: 1 <input type="text"/> 3 <input type="text"/> CW: <input type="text"/> <input type="text"/> DR: 2 <input type="text"/> 10 <input type="text"/> </div> <div> B: 5 <input type="text"/> 7 <input type="text"/> DQ: <input type="text"/> <input type="text"/> </div> </div>								

4.2. Antibody Screen Test

Basic info	Clinical data	Address/Phone	Waiting List	HLA Typing	Antibody Screen Test	Acceptable Antibodies	Previous Mismatches	Death
<p>Antibody Summary: B+X;7;</p>								
<p>Calculated combined PRA: 28 % Immunization: PI: Previously immunized</p>								

In this tab, you are able to register new antibody results and to get an overview of the antibody status.

To add a new antibody screen test result click on 'Add new'

Recipient information				Back	Save	Cancel		
Scandia Number:	950234		Nationality:	DK: Denmark				
Date of Birth:	01-Feb-1988	Person Number:	010288	Sex:	F: Female			
Surname:	x							
First Name:	x							
Transplantation History:	KI; LI; PA; IT; HE; LU;							
Survival Status:	ALIVE							
Status:		Waiting List:		Urgency:				
First regist.:	IDW	03-Mar-2015	Latest regist.:	IDW	03-Mar-2015			
Basic info	Clinical data	Address/Phone	Waiting List	HLA Typing	Antibody Screen Test	Allowable Antibodies	Previous Mismatches	Death
<p>Antibody Summary:</p>								
<p>Calculated combined PRA: % Immunization: ND: Not investigated, unknown</p>								
<p>Add new</p>								
Date of sample	PRA Class I	PRA Class II	Identified Antibodies					

Fill in date, PRA and technic used

If you wish to fill in antibody specificities you can click on the arrow down and list of value will appear. Now you can click on the specificities on the list that you wish to add.

When you save and go back the newly added screen test result will appear on the list.

	Date of sample	PRA Class I	PRA Class II	Identified Antibodies
1	09-Mar-2015	15	0	B13,7,8;
2	25-May-2010	0	0	
3	20-Apr-2010	0	0	
4	20-Jan-2010	10	0	
5	05-Nov-2009	10	0	

If you wish to alter/add information to an already registered result, you click on the specific line and a pop up window will appear.

4.3. Acceptable antibodies

The screenshot shows a software interface with a tabbed menu at the top. The tabs are: Basic info, Clinical data, Address/Phone, Waiting List, HLA Typing, Antibody Screen Test, **Acceptable Antibodies** (highlighted with a red box), Previous Mismatches, and Death. The main content area has a label 'Antibody Summary:' followed by a text box containing 'B+X,13,7,8;'. Below this is a label 'HLA-B:' followed by a dropdown menu.

Previously determined antibodies which are no longer clinical relevant, can be specified in this tab.

The screenshot shows a software interface with a tabbed menu at the top. The tabs are: Basic info, Clinical data, Address/Phone, Waiting List, HLA Typing, Antibody Screen Test, **Allowable Antibodies** (highlighted with a red box), Previous Mismatches, and Death. The main content area has a label 'Antibody Summary:' followed by a text box containing 'A19,(9);'. Below this is a label 'HLA-A:' followed by a dropdown menu. The dropdown menu is open, showing a list of values: '9' and '19'. The value '9' is currently selected and highlighted in blue.

In list of value you can chose between all antibodies determined. The antibodies that you select as no longer relevant will be displayed in brackets after saving data.

4.4. Previous Mismatches

Basic info	Clinical data	Address/Phone	Waiting List	HLA Typing	Antibody Screen Test	Acceptable Antibodies	Previous Mismatches	Death
Previous Mismatches								
<input checked="" type="checkbox"/>	Series	Antigene	Acceptable mismatch	Tx. registration in SCTP				
<input checked="" type="checkbox"/>	A	1	N: No	N: No				
<input checked="" type="checkbox"/>	B	12	N: No	N: No				

This tab contains information on HLA mismatches from previous transplantations and allows registration of missing previous mismatches.

Basic info	Clinical data	Address/Phone	Waiting List	HLA Typing	Antibody Screen Test	Acceptable Antibodies	Previous Mismatches	Death
Previous Mismatches								
<input checked="" type="checkbox"/>	Series	Antigene	Acceptable mismatch	Tx. registration in SCTP				
<input checked="" type="checkbox"/>	A	1	N: No	N: No				
<input checked="" type="checkbox"/>	A	3	N: No	Y: Yes				
<input checked="" type="checkbox"/>	B	37	N: No	N: No				
<input checked="" type="checkbox"/>	B	40	N: No	N: No				
<input type="checkbox"/>				N: No				

If the previous transplantation(s) has been registered in the database and donor HLA has been filled in HLA mismatches will automatically be calculated and displayed. In the column 'Tx. Registration in SCTP' these will be listed as Yes.

If the transplantation is not registered in the database (mainly kidney transplantations before 1st of January 1995) you can register previous mismatches manually.

A previous mismatch is a default set to not acceptable, which means that it will appear on the kidney search result list as a repeated mismatch if the donor type includes the specific HLA type. If the value in the 'Acceptable mismatch' column is changed to yes, it will not appear as a repeated mismatch on the search result list.

5. Waiting list

5.1. Waiting list history

When you click on the waiting list tab you will get an overview of the waiting list history, sorted with the newest entry in top.

You can click on terminated waiting list records to view read only data or you can enter a not yet terminated record to view and/or alter data.

Recipient information Back Save Cancel

Scandia Number: Nationality: S: Sweden

Date of Birth: Person Number: Sex: F: Female

Surname:

First Name:

Transplantation History: (0)KI; (3)LI 15-JAN-1994 29-DEC-2005 31-JAN-2011; (0)PA; IT; HE; LU;

Survival Status: ALIVE

Waiting list status: N: Notified Waiting list type: LI: Liver Urgency: T: Transplantable

First regist.: OPS\$ 08-Nov-1995 Latest regist.: OPS\$ 31-Jan-2011

Basic info **Clinical data** **Address/Phone** **Waiting List** **HLA Typing** **Antibody Screen Test** **Acceptable Antibodies** **Previous Mismatches** **Death**

Add new

	Waiting List	Date of entry	Termination
1	LI: Liver	11-Mar-2015	
2	LI: Liver	15-Nov-2010	Transplantation - cadaveric donor <- Donor: 6389 , Tx-date: 31-JAN-11
3	LI: Liver	22-Sep-2005	Transplantation - cadaveric donor <- Donor: 3223 , Tx-date: 29-DEC-05
4	LI: Liver	11-Nov-1993	Transplantation - cadaveric donor <- Donor: 8699, Tx-date: 15-JAN-94

5.2. Preparation for new waiting list entry

Click on 'Add new' to create a new waiting list entry.

Recipient information Back Save Cancel

Scandia Number: 950231 Nationality: DK: Denmark

Date of Birth: 12-Dec-2012 Person Number: 121212 Sex: F: Female

Surname: x

First Name: x

Transplantation History: KI; LI; PA; IT; HE; LU;

Survival Status: ALIVE

Status: Waiting List: Urgency:

First regist.: IDW 04-Mar-2015 Latest regist.: IDW 04-Mar-2015

Basic info **Clinical data** **Address/Phone** **Waiting List** **HLA Typing** **Antibody Screen Test** **Allowable Antibodies** **Previous Mismatches** **Death**

Add new

	Treatment number	Waiting List	Termination
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A new window will pop up with the possibility to enter waiting list data

Recipient treatment

Generic data

Scandia Number: 188 Surname: Surname:

Waiting list type: KI: Kidney Date of entry: 10-Mar-2015

Urgency: Date of first urgency:

Transplant center: HE: Helsinki Treatment center:

Immunization: NI: Non immunized Date of last change of Immunization: 23-Dec-2014

STAMP Sign Up: STAMP Status:

Specific data Infection serology STAMP/LAMP STAMP QC Urgency History Termination

Diagnosis at entry:

Kidney Waitinglist

Waiting For Kidney Number: 2 Local Urgency Code:

Special Preferences:

Other special requirements:

Dialysis at entry:

Start of dialysis:

Only specification of waiting list type is mandatory.
'Date of entry' is automatically filled in and is the date the waiting list record was created (first registration on the actual waiting list record).

5.3. On waiting list (active/on hold)

To activate the patient on the waiting list select an urgency status from list of value. When data is saved the recipient is on the waiting list (active/on hold).

Recipient treatment

Generic data

Scandia Number: 188844 Surname: Surname: H.

Waiting list type: KI: Kidney Date of entry: 10-Mar-2015

Urgency: T: Transplantable Date of first urgency: 10-Mar-2015

Transplant center: HE: Helsinki Treatment center:

Immunization: NI: Non immunized Date of last change of Immunization: 23-Dec-2014

STAMP Sign Up: STAMP Status:

Specific data Infection serology STAMP/LAMP STAMP QC Urgency History Termination

Diagnosis at entry:

Kidney Waitinglist

Waiting For Kidney Number: 2 Local Urgency Code:

Special Preferences:

Other special requirements:

Dialysis at entry:

Start of dialysis:

'Date of first urgency' is the date when the recipient entered the waiting list.

5.4. Withdrawal from waiting list

To withdraw a recipient from the waiting list, select the tab Termination, followed by a 'Termination cause'.

The screenshot shows the 'Recipient treatment' form with the 'Termination' tab selected. The 'Generic data' section includes fields for Scandia Number, Surname, Waiting list type (KI: Kidney), Urgency (T: Transplantable), Transplant center (OS: Oslo), Immunization (NI: Non immunized), STAMP Sign Up, Date of entry (09-Mar-2015), Date of first urgency (09-Mar-2015), Treatment center, Date of last change of Immunization (09-Mar-2015), and STAMP Status. The 'Termination' tab is highlighted with a red box. Below it, the 'Treatment Termination' section shows a dropdown for 'Termination Cause' with a red arrow pointing to it. The dropdown menu is open, showing options: CDT: Transplantation - cadaveric donor, LDT: Transplantation - living donor, and PW: Permanent withdrawal for other reason.

An example of a permanent withdrawal

The screenshot shows the 'Recipient treatment' form with the 'Termination' tab selected. The 'Treatment Termination' section shows 'Termination Cause' set to 'PW: Permanent withdrawal for other rea' and 'Termination Date' set to '10-Mar-2015'. The 'Recipient Withdrawn' section shows 'Withdrawal Cause' set to 'CI: Improved condition' and 'Withdrawal Date' set to '01-Mar-2015'.

If the recipient has died, withdrawal from the waiting list is done when death registration is done as described in the next section.

6. Death register

To death register a recipient off/on/on hold from the waiting list chose the tab 'Death' and fill in the information.

The screenshot shows the 'Recipient information' form with the 'Death' tab selected. The 'Basic info' section includes fields for Scandia Number, Nationality (N: Norway), Date of Birth, Person Number, Sex (F: Female), Surname, First Name, Transplantation History ((0)KI; LI; PA; IT; HE; LU;), Survival Status (DEAD 03-MAR-2015 after waiting list termination), Waiting list status, Waiting list type (KI: Kidney), Urgency, First regist. (OPS4, 09-Mar-2015), and Latest regist. (IDW, 10-Mar-2015). The 'Death' tab is highlighted with a red box. Below it, the 'Recipient Death' section shows 'Treatment number' (1), 'Treatment type' (KI), 'Cause of Death' (14: Other causes of cardiac failure), 'Status' (T: Dead after waiting list termination), and 'Date of Death' (03-Mar-2015).